

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method for ~~the production of~~ producing fire protection glazing, ~~consisting of~~ comprising at least two flat substrates and one fire protection means, ~~whereby the fire protection means consists of~~ layer comprising at least one film or of a film system having at least one intumescent layer, ~~and the fire protection means is introduced between the substrates, characterized by, said method comprising~~ the following steps:

— applying several film sections of the fire protection means layer onto a first substrate, whereby the film sections cover the entire surface of the substrate that is to be provided with the fire protection means layer,

— applying a second substrate onto the first substrate with the film sections,
— carrying out a laminating process at elevated pressure and elevated temperature.

2. (Currently Amended) The method according to Claim 1, ~~characterized in that more than two substrates are made into~~ wherein the fire protection glazing comprises more than two substrates.

3. (Currently Amended) The method according to ~~one or both of Claims~~ Claim 1 ~~and 2, characterized in that,~~ wherein the edges of the film sections abut each other and/or overlap slightly after being applied onto the first substrate.

4. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, comprising laying the substrates and the film sections

are laid on top of each other in the a desired layer structure in a laminator and then evacuated, after which the system is charged evacuating the layer structure and charging the layer structure with atmospheric pressure under elevated temperature in order to create a pre-laminate.

5. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, comprising affixing the film sections are affixed onto the first substrate and/or the second substrate.

6. (Currently Amended) The method according to Claim 5, ~~characterized in that~~ comprising adhering the film sections ~~are glued~~ to the first substrate and/or the second substrate.

7. (Currently Amended) The method according to Claim 6, ~~characterized in that~~ comprising using water-soluble organic binder is used for the adhesion process.

8. (Currently Amended) The method according to Claim 7, ~~characterized in that~~ comprising using at least one of polyvinyl alcohols, cellulose derivatives, alcohols and/or and polyalcohols are used for the adhesion process.

9. (Currently Amended) The method according to Claim 6, ~~characterized in that~~ comprising using inorganic binders are used for the adhesion process.

10. (Currently Amended) The method according to Claim 9, ~~characterized in that~~ comprising using at least one of wetting agents having different moduli and degrees of dilution, silicic sols ~~and/or~~ and water ~~are used~~ for the adhesion process.

11. (Currently Amended) The method according to Claim 6, ~~characterized in that~~ comprising using glycerin or water or mixtures thereof ~~are used~~ as the adhesive.

12. (Currently Amended) The method according to Claim 11, ~~characterized in that~~ the comprising mixing ratio of glycerin to water is in a ratio in the order of magnitude of 85% glycerin to 15% water.

13. (Currently Amended) The method according to ~~one or more of the preceding~~ claims, characterized in that Claim 1, comprising introducing additional functional layers are ~~introduced~~ between the first substrate and the second substrate.

14. (Currently Amended) The method according to ~~one or more of the preceding~~ claims, characterized in that Claim 1, wherein the pressure during the laminating process is in the ~~order of magnitude~~ range of about 1 to about 10 bar.

15. (Currently Amended) The method according to Claim 14, ~~characterized in that~~ wherein the pressure during the laminating process is ~~in the order of magnitude of about 1 bar~~ to about 2 bar.

16. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the temperature during the laminating process lies within the thermoplastic range of the fire protection ~~means~~ layer and below the foaming temperature of the fire protection ~~means~~ layer.

17. (Currently Amended) The method according to Claim 16, ~~characterized in that~~ wherein the temperature during the laminating process lies 10°C to 20°C [18°F to 36°F] below the foaming temperature of the fire protection ~~means~~ layer.

18. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the temperature during the laminating process is at least 70°C [158°F].

19. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the temperature during the laminating process is at least 80°C [176°F].

20. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the temperature during the laminating process is at the a maximum 100°C [212°F].

21. (Currently Amended) The method according to ~~one or more of Claims 1 to 19, characterized in that~~ Claim 1, wherein the temperature during the laminating process is at the a maximum 150°C [302°F].

22. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the duration of the laminating process ~~is in the order of magnitude of 3~~ about three to 6 about six hours.

23. (Currently Amended) The method according to Claim 22, ~~characterized in that~~ wherein the duration of the laminating process is four hours.

24. (Currently Amended) The method according to Claim 23, ~~characterized in that the execution of wherein~~ the laminating process ~~is divided into~~ comprises a heating phase of about one hour, a retention phase of about two hours, and a cooling phase of about one hour.

25. (Currently Amended) The method according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the dimensions of the substrate are ~~in the order of magnitude of a width W=~~ about 3.21 meters in width and ~~a length L=~~ about 6.0 meters in length.